

AMENDMENTS TO THE CLAIMS

1. Claim 1 (canceled).
2. Claim 2 (canceled).
3. Claim 3 (canceled).
4. Claim 4 (canceled).

5. Claim 5 (previously amended): A capillary device for vaporizing liquid, comprising:

a vaporizer component having a liquid receiving surface to receive liquid and a vaporization area in which vapor is produced from the liquid;

a heat transfer component to convey heat to the vaporization component, the heat transfer component further comprising at least one opening to release vapor at a velocity greater than zero; and

a porous insulation component capable of at least substantially shielding the liquid from the heat prior to vaporization;

wherein the vaporizer component, heat transfer component and insulation component are in annular arrangement, and further wherein fluid flow is from a center area of the device to an outer periphery of the device.

6. Claim 6 (previously amended): The device of claim 5, wherein the heat transfer component is an internal heater proximal to the outer periphery of the device.

7. Claim 7 (previously amended): A device for vaporizing liquid, comprising:

a vaporizer component having a liquid receiving surface to receive liquid and a vaporization area in which vapor is produced from the liquid;

a heat transfer component to convey heat to the vaporization component, the heat transfer component further comprising at least one opening to release vapor at a velocity greater than zero; and

a porous insulation component capable of at least substantially shielding the liquid from the heat prior to vaporization; and

wherein the vaporizer component, heat transfer component and insulation component are in annular arrangement, and further wherein fluid flow is from an outer periphery of the device to a center area of the device.

8. Claim 8 (previously amended): The device of claim 5, wherein the heat transfer component is an internal heater proximal to the center area of the device.

- 9. Claim 9 (canceled).
- 10. Claim 10 (canceled).
- 11. Claim 11 (canceled).
- 12. Claim 12 (canceled).
- 13. Claim 13 (canceled).
- 14. Claim 14 (canceled).
- 15. Claim 15 (canceled).
- 16. Claim 16 (canceled).
- 17. Claim 17 (canceled).
- 18. Claim 18 (cancelled).
- 19. Claim 19 (canceled).
- 20. Claim 20 (canceled).
- 21. Claim 21 (canceled).
- 22. Claim 22 (canceled).
- 23. Claim 23 (canceled).
- 24. Claim 24 (canceled).

25. Claim 25 (canceled).
26. Claim 26 (canceled).
27. Claim 27 (canceled).
28. Claim 28 (canceled).
29. Claim 29 (canceled).
30. Claim 30 (canceled).
31. Claim 31 (canceled).
32. Claim 32 (canceled).